No. 02 Volume LX I Date: May 1, 2000

WEATHER SUMMARY FOR THE WEEK ENDING 8:00 A.M. MONDAY

Temperatures averaged much below normal. Extremes were 73 at Pemberton and Belvidere on the 26th and 30th and 28 degrees at Charlotteburg on the 1st. Weekly rainfall averaged 0.02 inches North, 0.01 inches Central, And 0.28 inches South. The heaviest 24 hour total was 0.55 inches at Cape May Courthouse on the 25th to the 26th.

Estimated soil moisture, in percent of field capacity, this past week averaged 92 percent North, 88 percent Central and 74 percent South. Four inch soil temperatures averaged 45 degrees North, 51 degrees Central and 51 degrees South.

| Weather Stations | Rainfall | | | Temperatures | | | | Growing Degree Days | | 0 " |
|---------------------|----------|---------------|----------|--------------------|------|------|----------|---------------------|----------|------------------|
| | Last | Since March 1 | | Last Week | | | | 1/ | | Soil Moisture |
| | Week | Total | Depart.* | Max. | Min. | Avg. | Depart.* | Total | Depart.* | 2/ |
| - Inches - | | | | - Degrees - | | | | - Base 50°F - | | Percent |
| NORTH | | | | | | | | | | |
| Belvidere Bridge | .05 | 8.30 | .38 | 73 | 34 | 50. | -5 | 93 | 53 | 92 |
| Canoe Brook | .00 | 4.62 | -4.08 | 72 | 35 | 52. | -2 | 117 | 87 | 80 |
| Charlotteburg | .03 | 7.59 | 98 | 70 | 28 | 46. | -6 | 51 | 44 | 93 |
| Flemington | | | | Data Not Available | | | | | | |
| Long Valley | .00 | 7.10 | -1.79 | 68 | 34 | 48. | -5 | 71 | 55 | 90 |
| Newton | | | | Data Not Available | | | | | | |
| CENTRAL | | | | | | | | | | |
| Freehold | .00 | 5.54 | -2.71 | 68 | 35 | 50. | -6 | 142 | 85 | 89 |
| Long Branch | .00 | 7.66 | 87 | 70 | 37 | 49. | -6 | 67 | 23 | 81 |
| New Brunswick | .00 | 7.42 | 52 | 71 | 35 | 51. | -6 | 133 | 58 | 92 |
| Pemberton | .01 | 6.00 | -1.95 | 73 | 36 | 55. | -2 | 277 | 205 | 68 |
| Toms River | .03 | 6.38 | -1.97 | 69 | 38 | 50. | -5 | 128 | 79 | 80 |
| Trenton | .01 | 6.15 | -1.33 | 70 | 35 | 51. | -6 | 163 | 72 | 80 |
| SOUTH | | | | | | | | | | |
| A.C. Marina | .54 | 8.39 | 1.47 | 70 | 42 | 52. | -4 | 128 | 61 | 69 |
| Cape May C.H. | .58 | 9.48 | 2.22 | 67 | 39 | 49. | -8 | 126 | 50 | 57 |
| Downstown | .07 | 9.13 | 1.64 | 70 | 39 | 51. | -7 | 160 | 63 | 73 |
| Glassboro | .00 | 9.33 | 1.43 | 71 | 39 | 54. | -3 | 187 | 96 | 77 |
| Hammonton | .12 | 6.95 | 72 | 69 | 39 | 51. | -6 | 142 | 56 | 51 |
| Pomona | .43 | 7.31 | 02 | 68 | 38 | 50. | -6 | 124 | 63 | 73 |
| Seabrook | .20 | 10.54 | 3.86 | 70 | 36 | 51. | -7 | 179 | 79 | 85 |
| Woodstown | | | | Data Not Available | | | | | | |

1/ Growing degree days since March 1, total and departure from normal or long term average. 2/ Estimated soil moisture as % of field capacity based on climate data.

AGRICULTURE

Soil moisture supplies remained adequate in most localities despite clear weather this past week. Greenhouses were forced to run heaters to eliminate mold caused by recent wet weather. Sweet corn is two to three inches tall in some areas and one foot in others. Growers were concerned about cool weather limiting bee pollenation of blueberry blooms.

Weekly rainfall amounts varied from none to 0.05 inch in northern locations, none to 0.03 inch in central, and none to 0.58 inch in the south. Low temperatures for the week ranged from 28 to 42 degree Fahrenheit. High temperatures ranged from 68 to 73 degrees Fahrenheit.